

Missouri Water Resources Center

Missouri Rivers and Streams Flood Conditions Report

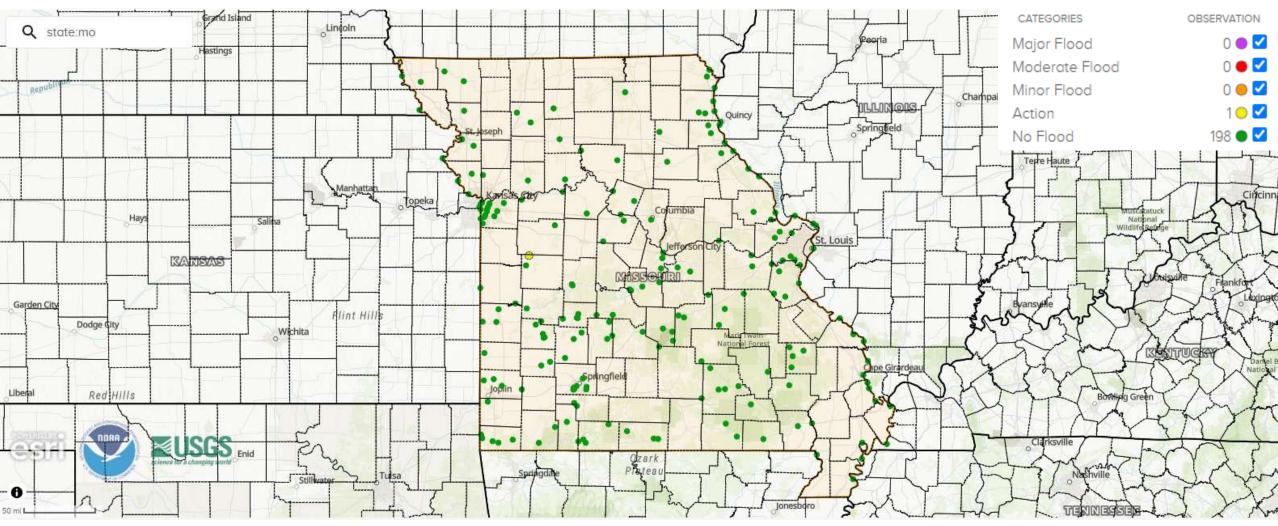
April 2, 2025

Missouri Rivers and Streams Flooding Status

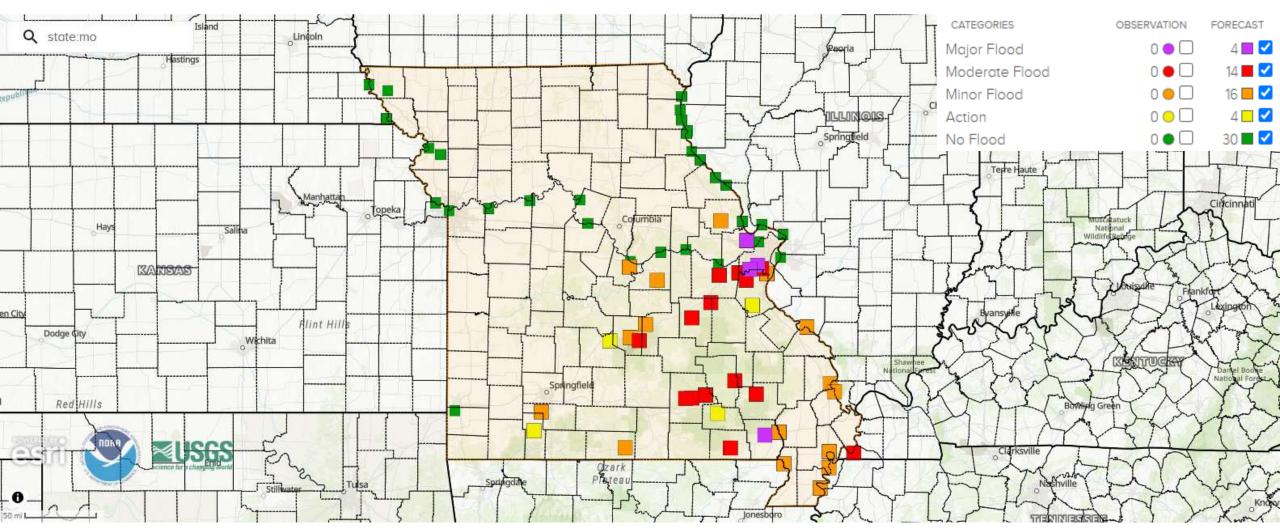
- Major Flooding is forecast at the following gages:
 - Dardenne Creek at St. Peters
 - Meramec River at Valley Park
 - Meramec River near Eureka
 - Black River at Poplar Bluff
- Moderate Flooding is forecast at the following gages:
 - Meramec River at Fenton
 - Big River at Byrnesville
 - Meramec River near Pacific
 - Bourbeuse River at Union
 - Meramec River near Sullivan
 - Meramec River near Steelville
 - Big Piney at Ft. Wood East Gate
 - St. Francis River at Patterson
 - Black River near Annapolis
 - Current River above Powder Mill
 - Jacks Fork at Eminence
 - Jacks Fork at Alley Spring
 - Current River at Doniphan
 - Mississippi River at Hickman

- Gage forecasts are currently taking the next 24-48 hours of precipitation amounts expected into account.
- Gage forecasts may change significantly as additional heavy precipitation appears in the forecast range.
- According to the 48-Hour Quantitative Precipitation Forecast, a majority of Missouri will receive 1.25-3.00 inches of precipitation. Areas near the Bootheel could receive up to 5.00 inches.
- The 6-10 and 8-14 Outlooks predict likely below average precipitation for a majority of the state. While this will not aid the current forecast flooding, it will not exacerbate or extend the forecast flooding.

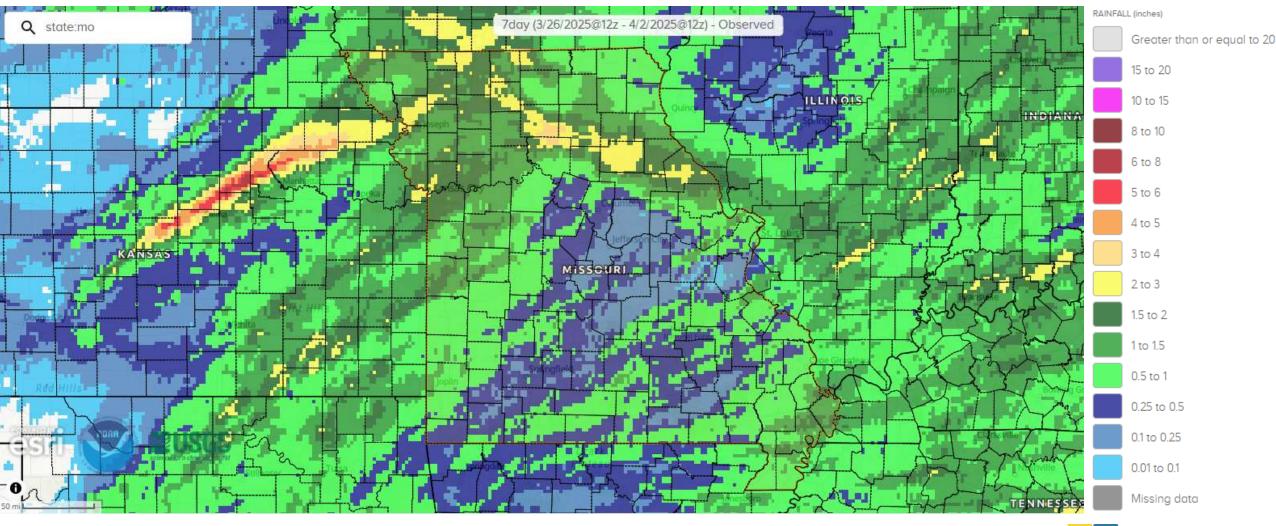
Current River and Stream Conditions



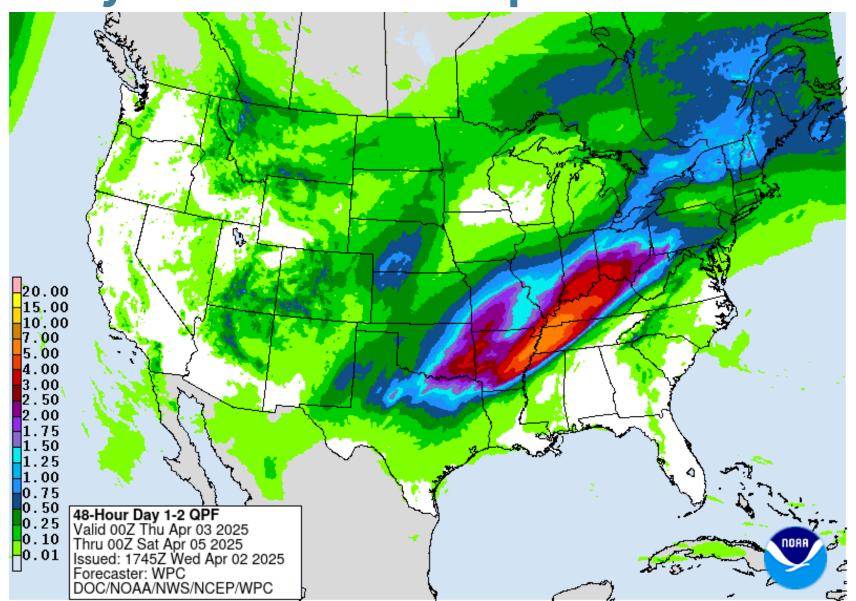
River Forecast Conditions



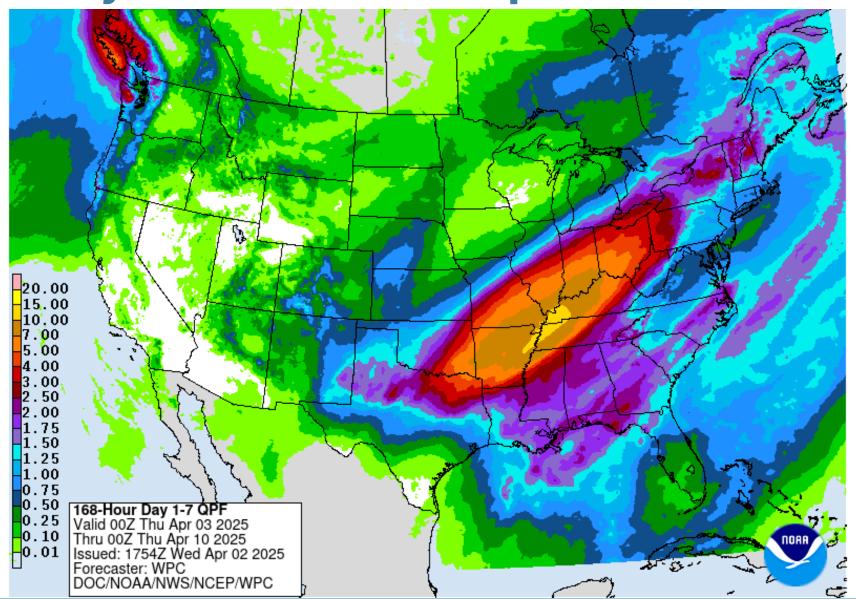
7-Day Observed Precipitation Estimate



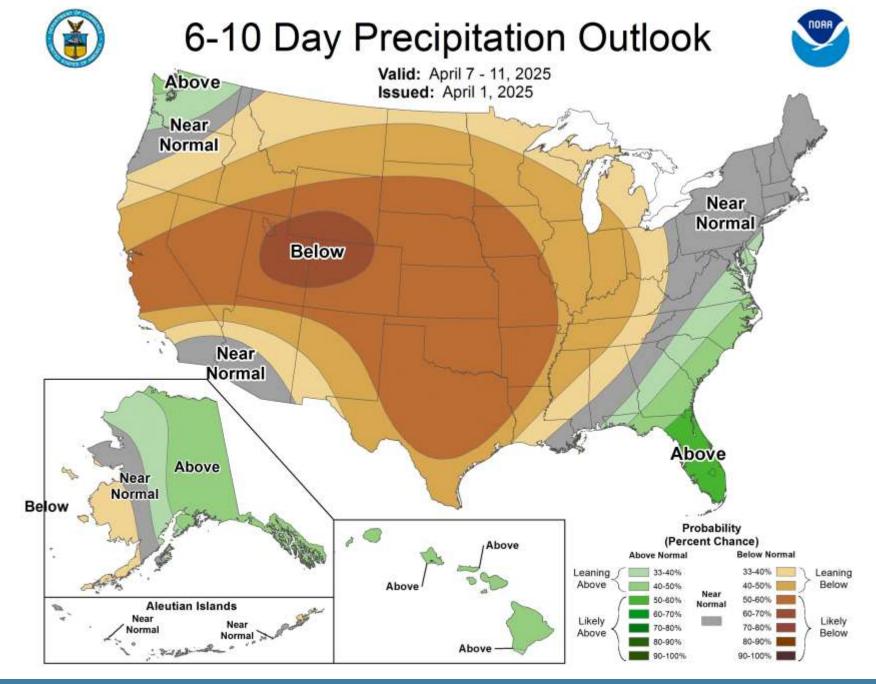
2-Day Quantitative Precipitation Forecast

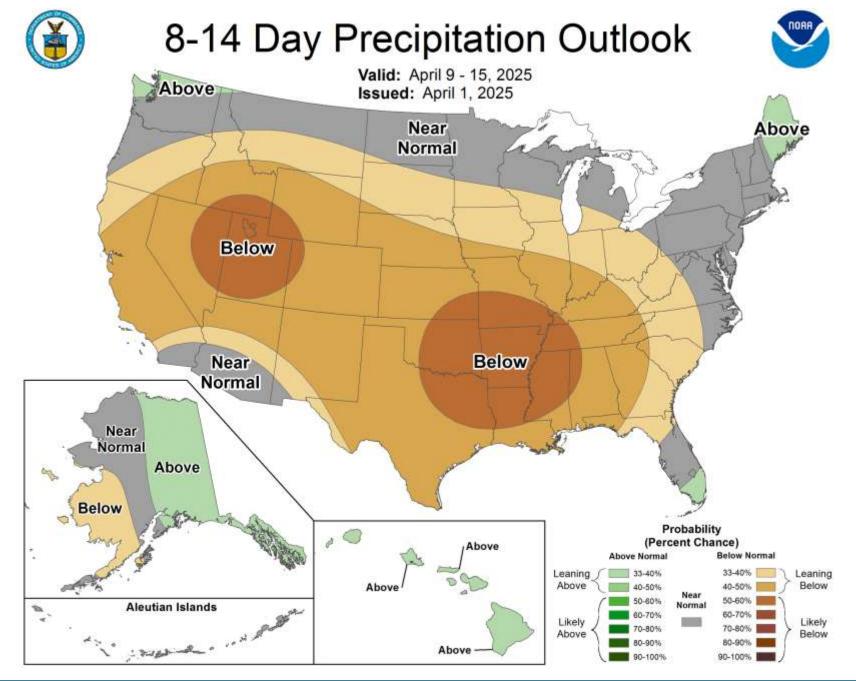


7-Day Quantitative Precipitation Forecast

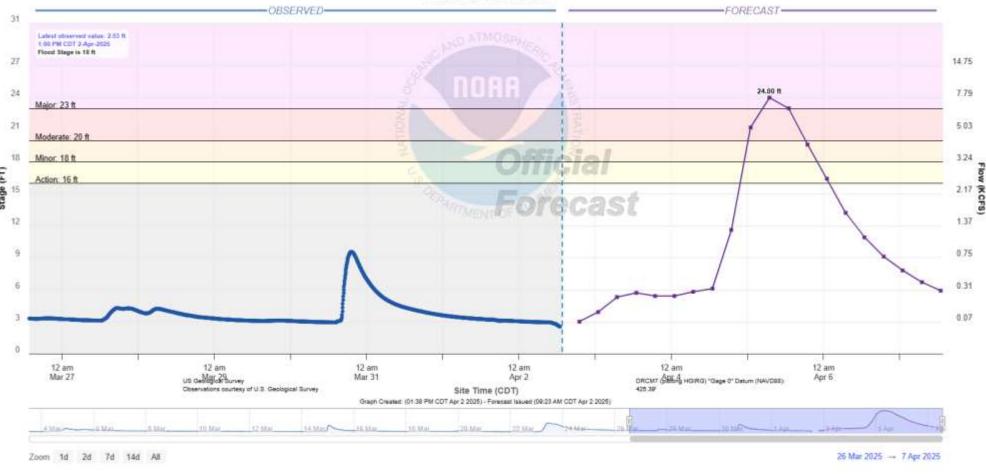








Dardenne Creek at St. Peters NWSLI: DRCM7, Reach ID: 880034



- Dardenne Creek at St. Peters is at 2.53 ft. and expected to crest at 24.00 ft. in Major Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 9:23 am CDT April 2, 2025.
- Major Flood Stage occurs at 23 feet
- USGS Gage Number 05514860
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/DRCM7





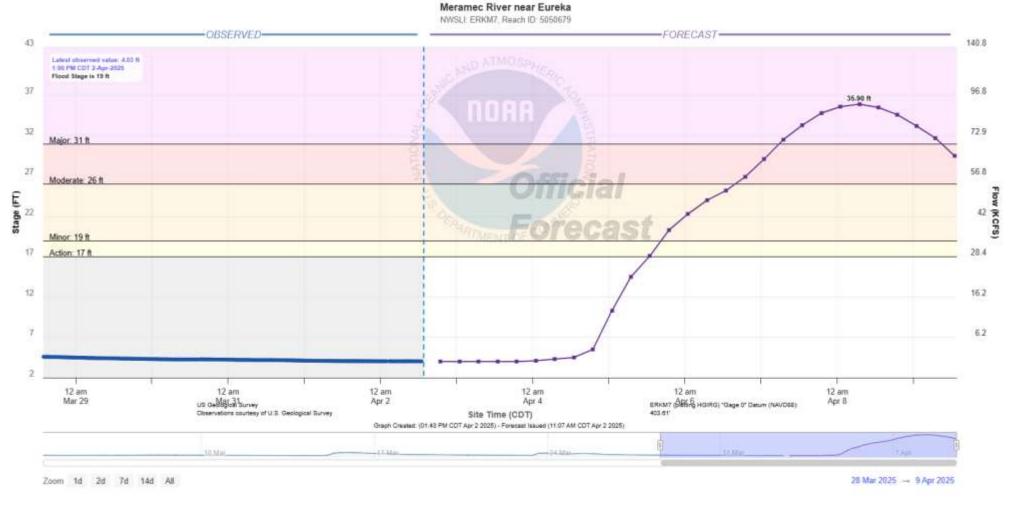
- Meramec River at Valley Park is at -0.83 ft. and expected to crest at 32.00 ft. in Major Flood Stage midday on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Major Flood Stage occurs at 27 feet
- USGS Gage Number 07019130

Zoom 1d 2d 7d 14d All

 For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/VLLM7



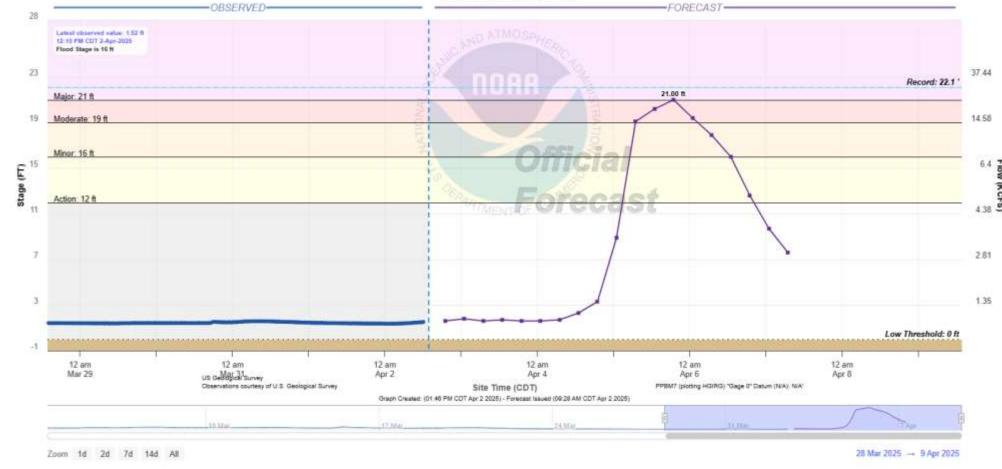
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- Meramec River near Eureka is at 4.03 ft. and expected to crest at 35.90 ft. in Major Flood Stage early morning on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Major Flood Stage occurs at 31 feet
- USGS Gage Number 0709000
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/ERKM7



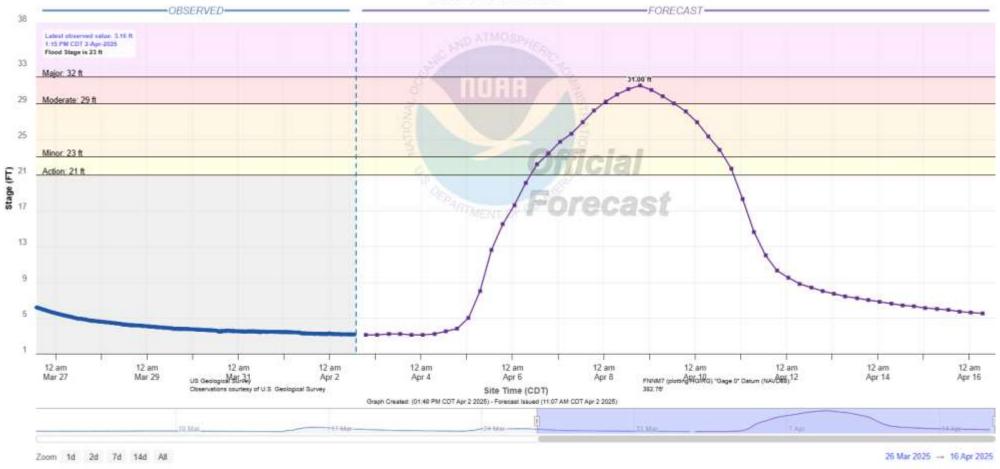
Black River at Poplar Bluff NWSLI: PPBM7, Reach ID: 7671958



- Black River at Poplar Bluff is at 1.52 ft. and expected to crest at 21.0 ft. in Major Flood Stage late day on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Major Flood Stage occurs at 21 feet
- USGS Gage Number 07063000
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/PPBM7



Meramec River at Fenton NWSLI: FNNM7, Reach ID: 5050661



- Meramec River at Fenton is at 3.16 ft. and expected to crest at 31.0 ft. in Moderate Flood Stage late day on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 29 feet
- USGS Gage Number 07019210
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/FNNM7





- Big River at Byrnesville is at 3.43 ft. and expected to crest at 26.50 ft. in Moderate Flood Stage early morning on Monday, April 7, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 20 feet
- USGS Gage Number 07018500
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/BYRM7





- Meramec River near Pacific is at -0.06 ft. and expected to crest at 26.30 ft. in Moderate Flood Stage early morning on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 23 feet
- USGS Gage Number 07017020
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/PCFM7



NWSLI: UNNM7, Reach ID: 5076724 OBSERVEL 31 Latest observed value, 3.51 ft. 1.00 PM CDT 2-Apr-2025 39.04 Flood Stage is 15 ft 29.59 24.30 ft 22.13 Moderate: 22 ft 19 16.35 Stage (FT) 12.42 13 Action: 131 10 5.78 3.18 0.57 12 am 12 am 12 am 12 am 12 am 12 am Mar 29 Apr 2 Apr 4 UNIAMY (ABLES HOWG) "Gage 6" Datum (NAVDEE). Apr 8 Observations courtesy of U.S. Geological Survey Site Time (CDT) Graph Createst: (01:54 PM CDT Apr 2 2025) - Forecast Issued (11:07 AM CDT Apr 2 2025) Zoom 1d 2d 7d 14d All 28 Mar 2025 - 9 Apr 2025

Bourbeuse River at Union

- Bourbeuse River at Union is at 3.51 ft. and expected to crest at 24.30 ft. in Moderate Flood Stage midday on Monday, April 7, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 22 feet
- USGS Gage Number 07016500
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/UNNM7



Meramec River near Sullivan NWSLI: SLLM7, Reach ID: 5053369 35 Latest observed value, 4.00 ft 12:29 PM CDT 2-Apr-2025 32 70.36 Flood Stage is 11 ft. 58.04 Major, 29 ft 26 47.83 23 38.99 Stage (FT) 30.82 Moderate: 20 f 23.37 14 16.7 Minor 11 ft 10.38 4.77 1.24 12 am 12 am 12 am 12 am 12 am 12 am us a Mas all survey Арг 4 SLLMY (\$65.5 HORRO) "Gage 0" Datum (NAVD66): Apr 8 Apr 2 Observations courtesy of U.S. Geological Survey Site Time (CDT) Graph Createst: (01:56 PM CDT Apr 2 2025) - Forecast Issued (11:07 AM CDT Apr 2 2025)

- Meramec River near Sullivan is at 4.08 ft. and expected to crest at 28.10 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 20 feet
- USGS Gage Number 07014500

Zoom 1d 2d 7d 14d All

 For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/SLLM7



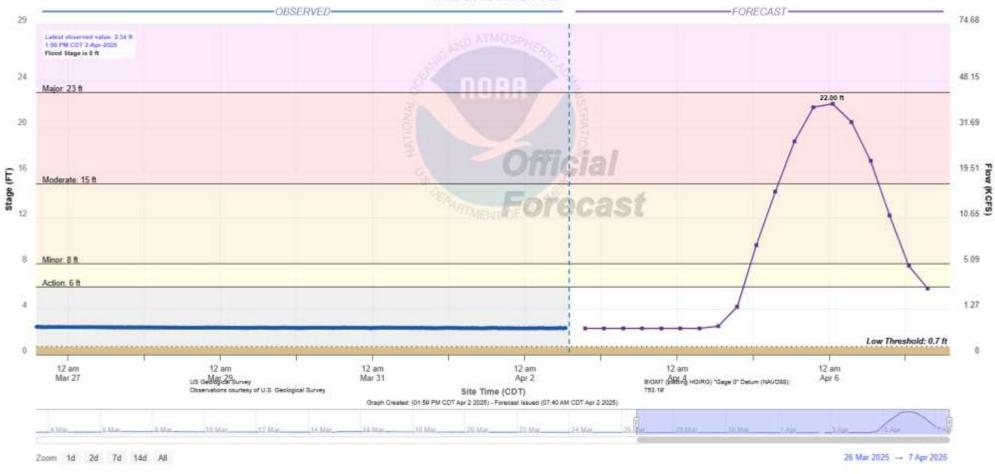
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- Meramec River near Steelville is at 2.31 ft. and expected to crest at 22.20 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 20 feet
- USGS Gage Number 07013000
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/SEEM7



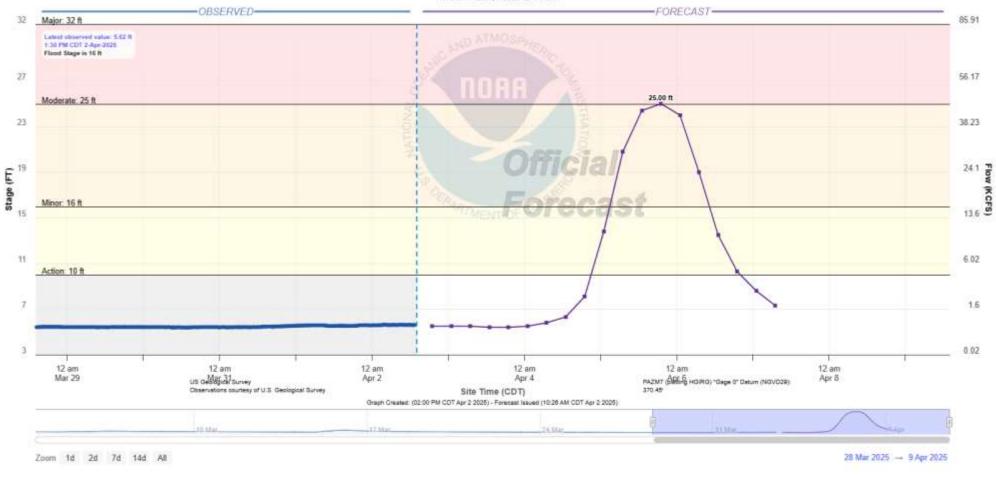
Big Piney at Ft. Wood - East Gate NWSLI: BIGM7, Reach ID: 7434227



- Big Piney at Ft. Wood East Gate is at 2.34 ft. and expected to crest at 22.0 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 7:40 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 15 feet
- USGS Gage Number 06930060
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/BIGM7



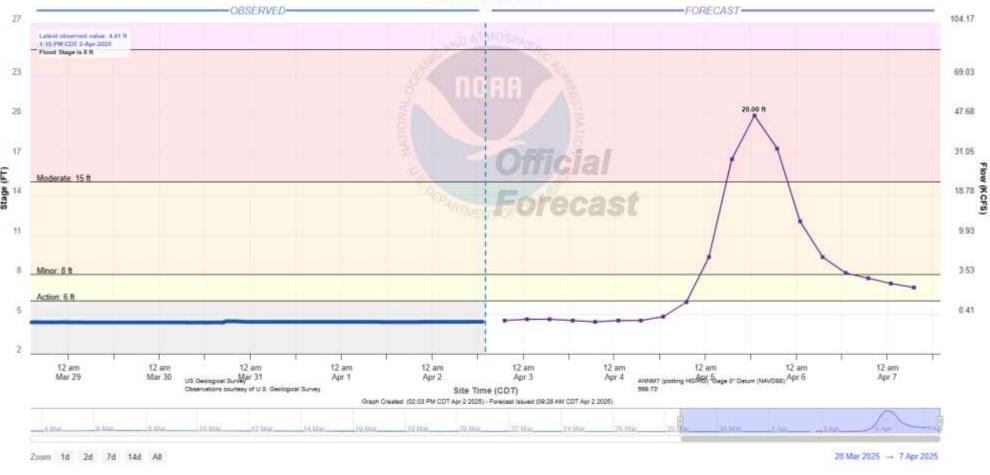
St. Francis River at Patterson NWSLI PAZM7, Reach ID: 734307



- St. Francis River at Patterson is at 5.62 ft. and expected to crest at 25.0 ft. in Moderate Flood Stage late day on Saturday, April 5, 2025.
- Forecast was issued at 10:26 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 25 feet
- USGS Gage Number 07037500
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/PAZM7



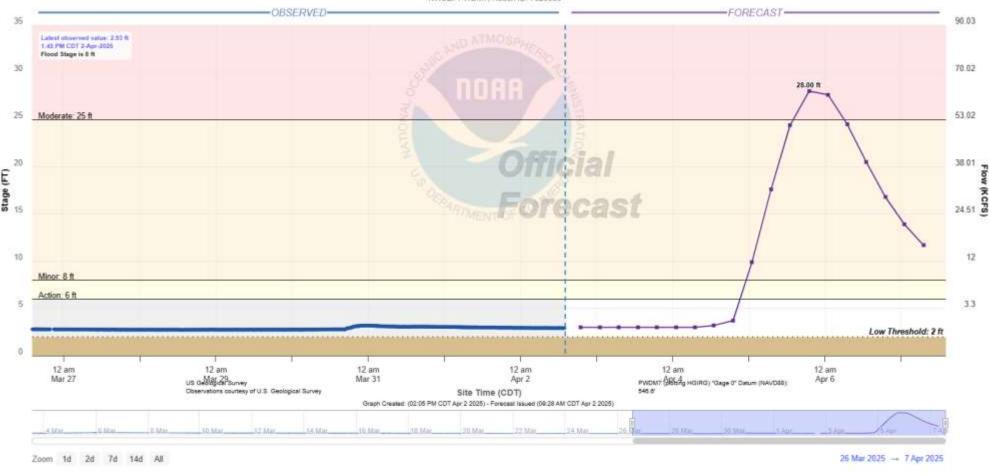
Black River near Annapolis NWSLI: ANNM7, Reach ID: 7667476



- Black River near Annapolis is at 5.62 ft. and expected to crest at 20.0 ft. in Moderate Flood Stage midday on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 15 feet
- USGS Gage Number 07061500
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/ANNM7



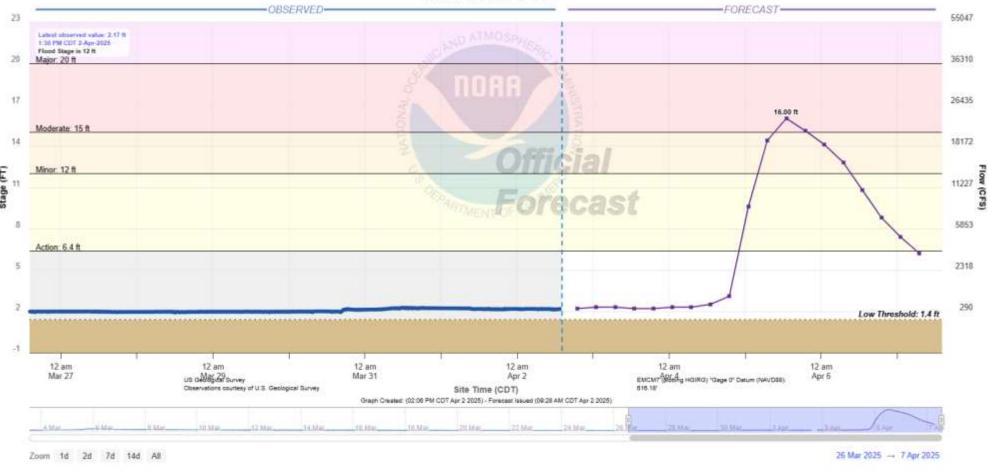
Current River above Powder Mill NWSLI: PWDM7, Reach ID: 7520833



- Current River above Powder Mill is at 2.93 ft. and expected to crest at 28.0 ft. in Moderate Flood Stage late night on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 25 feet
- USGS Gage Number 07066510
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/PWDM7



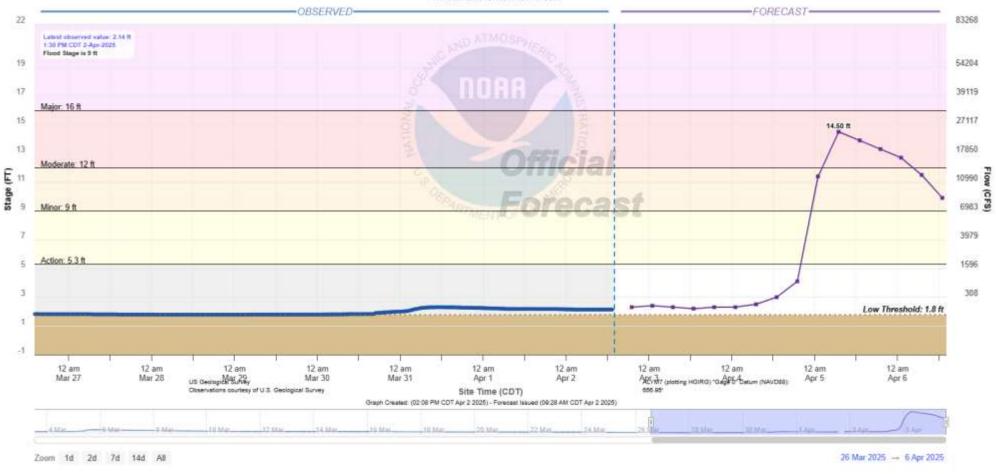
Jacks Fork at Eminence NWSU: EMCM7, Reach ID: 7518797



- Current River above Powder Mill is at 2.17 ft. and expected to crest at 16.0 ft. in Moderate Flood Stage midday on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 15 feet
- USGS Gage Number 07066000
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/EMCM7



Jacks Fork at Alley Spring NWSLI: ALYM7, Reach ID: 7518879



- Jacks Fork at Alley Spring is at 2.14 ft. and expected to crest at 14.50 ft. in Moderate Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 12 feet
- USGS Gage Number 07065495
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/ALYM7



Current River at Doniphan NWSLI: DNZM7, Reach ID: 752328 104.19 Latest observed value: 0.6 ft. 1:36 PM CDT 2-Apr-2025 Flood Stage is 13 ft 22 Major 22 ft 72.02 19.00 ft 46.33 18 Moderate: 18 ft 32.95 11.96 4.19 Low Threshold: 0 ft 12 am 12 am 12 am 12 am 12 am 12 am Apr 4 us aMBS31 survey Apr 2 Apr 8 DNZM/ABSING HOIRG; "Gage 0" Datum (NAVDSE) Observations courtesy of U.S. Geological Survey Site Time (CDT) Graph Createst: (02:09 PM CDT Apr 2:2025) - Forecast Issued (09:28 AM CDT Apr 2:2025)

- Current River at Doniphan is at 0.6 ft. and expected to crest at 19.0 ft. in Moderate Flood Stage early morning on Monday, April 7, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 18 feet
- USGS Gage Number 07068000

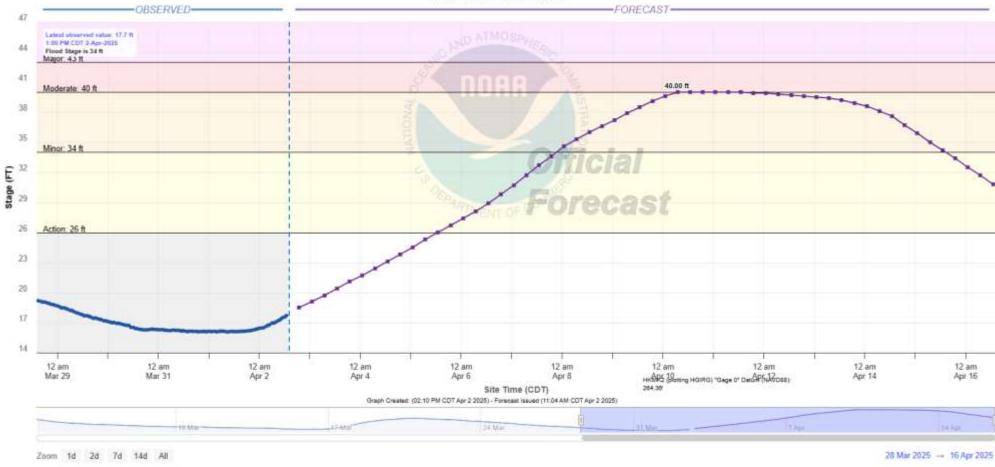
Zoom 1d 2d 7d 14d All

 For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/DNZM7



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Mississippi River at Hickman NWSLI: HKMK2, Reach ID: 14128165



- Mississippi River at Hickman is at 17.7 ft. and expected to crest at 40.0 ft. in Moderate Flood Stage early morning on Thursday, April 10, 2025.
- Forecast was issued at 11:04 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 40 feet
- For stage-related impacts and other site-specific details go to: https://water.noaa.gov/gauges/HKMK2



Resources for Further Information

- Department of Natural Resources Flood Page:
 https://dnr.mo.gov/water/hows-water/state-water/flooding
- Missouri Water Resources Center Missouri River Informational Page:
 <u>https://dnr.mo.gov/water/hows-water/state-water/surface-</u>

 <u>water/interstate-waters</u>
- National Water Prediction Service Flood Inundation Map: Flood.Inundation.Map.Service



References

- Climate Prediction Center: https://www.cpc.ncep.noaa.gov/
- National Water Prediction Service: National Water Prediction Service
- Weather Prediction Center: https://www.wpc.ncep.noaa.gov/#

